

PROFITABLE USES OF AGRICULTURAL BYPRODUCTS

CENTER

The Center for Profitable Uses of Agricultural Byproducts was established to strengthen the economy of Utah, particularly the rural economy, by working closely with farmers and ranchers and other agricultural related businesses transferring technologies, utilizing agricultural production and processing byproducts. Byproducts of no or little value are transformed into energy and other salable items using technology developed at the center.

TECHNOLOGY

The technology developed at Utah State University for profitable uses for food production and processing byproducts is manifested in two major areas: 1) anaerobic systems that can produce energy (biogas) and soil amendment from manure and food processing waste, and 2) components of a high rate aerobic bioreactor (drum composter based) system that make the process more cost effective and products produced by the process more valuable. Most of the emphasis in the year 2000 was on the anaerobic technology.

UTAH STATE UNIVERSITY

Can you imagine.....



A technology utilizing agricultural byproducts of little or no value at all and transforming these byproducts into a profitable business?

ACCOMPLISHMENTS

A fully operational system has been built at the Caine Dairy at Utah State University, open for visits to see the system functioning, creating a showcase of this technology. This technology is very unique and easy to manage, with a high treatment rate and reliability. This Center has partnered with Specialized Analysis Engineering, a Utah company, and a new company is currently being formed.

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